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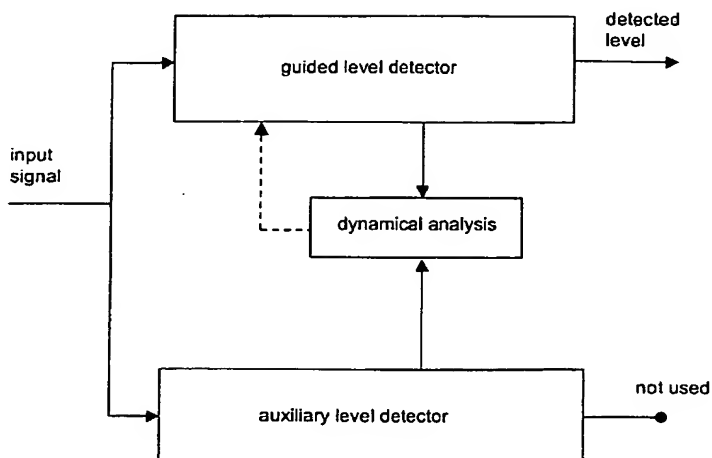
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(54) Title: METHOD FOR DYNAMIC DETERMINATION OF TIME CONSTANTS, METHOD FOR LEVEL DETECTION, METHOD FOR COMPRESSING AN ELECTRIC AUDIO SIGNAL AND HEARING AID, WHEREIN THE METHOD FOR COMPRESSION IS USED



(57) Abstract: The invention provides a method for dynamic determination of time constants to be used in a detection of the signal level of an input signal of unknown level in an electric circuit, comprising the following steps: - feed the input signal through an auxiliary level detection means that is reacting faster to changes in the input sound signal level than the detection of the signal level as a whole, - feed either the input signal or the output of the auxiliary level detection means through a guided level detection means, which is arranged with a guided time constant, and where the guided level detection means outputs an estimate of the level of the input signal, - analyze the outputs of the auxiliary and the guided level detector means, determine the time constant of the guided level detection means based on this analysis.

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